

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) A fluidic spray system for producing low momentum liquid droplets comprising in combination, a fluidic oscillator coupled to a supply of liquid under pressure and a vortex valve immediately upstream of said fluidic oscillator.

2. (currently amended) A fluidic spray system for producing a liquid spray in which the spray droplets have a low momentum and allows wide angle sprays to be delivered to a selected surface area without bouncing off of said selected surface, comprising, a fluidic oscillator ~~connectable by, and~~ a flow path reverser connecting said fluidic oscillator to a source of liquid under pressure and wherein said fluidic oscillator is selected from:

a multiple power nozzle oscillator,  
a reversing chamber oscillator, and  
a feedback oscillator.

3. (original) A fluidic spray system defined in claim 2 including a non-restrictor pressure reducer upstream of said fluidic oscillator.

4. (original) The fluidic spray system defined in claim 3 wherein said non-restrictor pressure reducer is a vortex valve.

5. (original) The fluidic spray system defined claim 4 wherein said fluidic spray nozzle includes a first and second two-sided molded chip having a fluidic oscillator formed in said first side and a feed circuit formed in said second side, and reducing pressure by feeding liquid from said first side to said second side, and said flow reverser reversing the direction of liquid flow thereof.

6. (original) A fluidic spray system for producing a liquid spray in which the spray droplets have a low momentum and allows substantially unrestricted flows to be delivered to a point of utilization on a surface comprising a fluidic oscillator having an input coupled to a supply of liquid under pressure and a vortex valve immediately upstream of said fluidic oscillator, said vortex valve having an output which is connected to the input of said fluidic oscillator.

7. (currently amended) A fluidic oscillator spray system comprising a fluidic oscillator and non-restrictor pressure reducing means coupling said oscillator to a source of liquid for producing a liquid spray in which the spray droplets have a low

momentum and allows for producing droplets of larger diameters and a narrower range of diameters for similar operating pressures.

8. (original) A method for producing low energy spray droplets which are adapted to adhere to a surface comprising, providing a fluidic spray nozzle connectable to a source of liquid under pressure, reducing the velocity of spray droplets issuing from said fluidic spray nozzle so that said spray droplets do not bounce off said surface.

9. (original) The method defined in claim 8 wherein said fluidic spray nozzle is selected from the following:

- (a) low frequency multiple power nozzle oscillator,
- (b) a filter and reversing chamber oscillator,
- (c) a vortex chamber feeding a fluidic oscillator.

10. (original) The method defined in claim 8 wherein said fluidic spray nozzle includes a first and second two-sided molded chip having a fluidic oscillator formed in said first side and a feed circuit formed in said second side, and reducing pressure by feeding liquid from said first side to said second side, and reversing the direction of liquid flow thereof.

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